

## LIGITEK BIN GRADING SYSTEM FOR STANDARD, SUPERBRIGHT AND INFRARED LED LAMPS

### SUPERBRIGHT LED

BIN CODE	Luminous Intesity (mcd) @ 20mA	
	MIN	MAX
11	65	90
12	90	120
13	120	160
14	160	220
15	220	300
16	300	350
17	350	450
18	450	550
19	550	700
20	700	900
21	900	1100
22	1100	1500
23	1500	1800
24	1800	2200
25	2200	2700
26	2700	3400
27	3400	4000
28	4000	5000
29	5000	6200
30	6200	7700
31	7700	9500
32	9500	11500
33	11500	14000
34	14000	17000
35	17000	21000
36	21000	26000
37	26000	32000
38	32000	40000
39	40000	50000

### STANDARD LED

BIN CODE	Luminous Intesity (mcd) @ 20mA	
	MIN	MAX
1	0.1	0.25
2	0.25	0.5
3	0.5	0.8
4	0.8	1.2
5	1.2	1.8
6	1.8	3
7	3	4.5
8	4.5	8
9	8	12
10	12	20
11	20	30
12	30	45
13	45	65
14	65	100
15	100	150
16	150	200
17	200	300
18	300	450
29	450	650
20	650	1000

### INFRARED LED

	MIN (mW) @ 20mA	MAX (mW) @ 20mA
1	0	3
2	3	4
3	4	5
4	5	6
5	6	8
6	8	10
7	10	12
8	12	14
9	14	17
10	17	20

### INFRARED LED

	MIN (mW) @ 20mA	MAX (mW) @ 20mA
11	20	24
12	24	29
13	29	35
14	35	42
15	42	50
16	50	60
17	60	75
18	72	85
19	85	105
20	105	125